

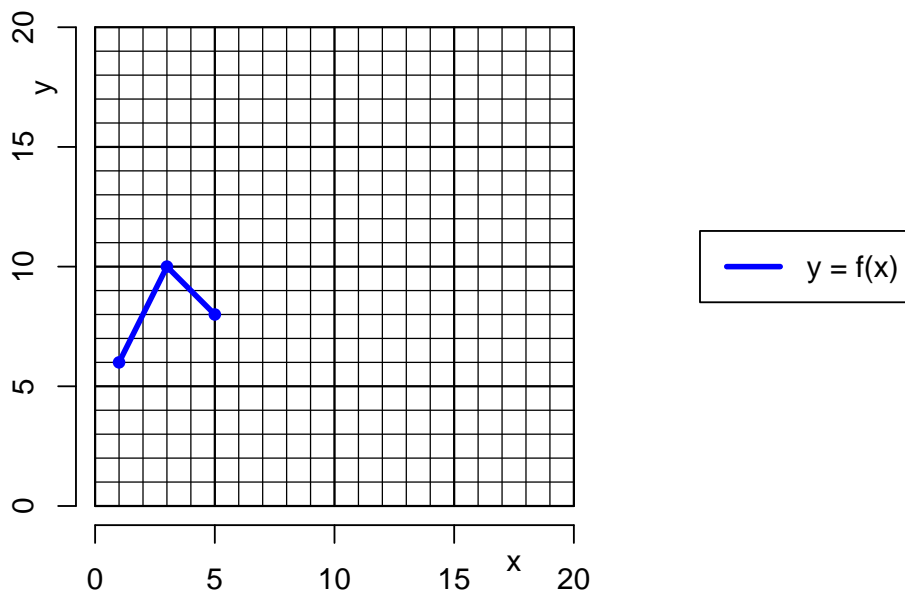
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 41)

Question 1

Curve $y = f(x)$ contains points $(1, 6)$ and $(3, 10)$ and $(5, 8)$, as shown on the x - y plane below.

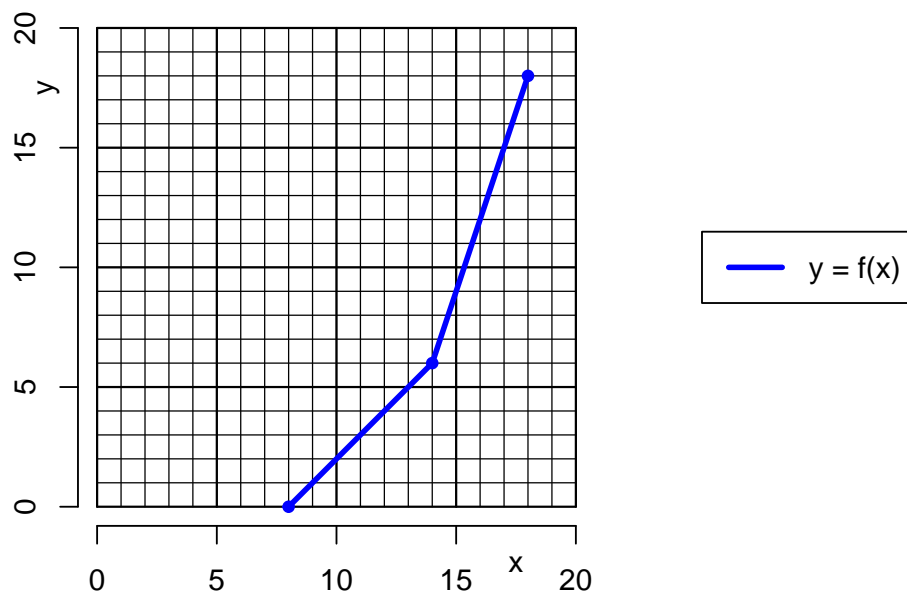


On the same plane, please draw the curve represented by the equation below:

$$y = 3 \left(f \left[\frac{x}{2} - 5 \right] - 4 \right)$$

Question 2

Curve $y = f(x)$ contains points $(8, 0)$ and $(14, 6)$ and $(18, 18)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2(x+2)] + 6}{3}$$